

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor(s): Anthony C. Bonora et al.  
SC/Serial No.: 10/087,638  
Confirm. No.: 3741  
Filed: March 1, 2002  
Title: UNIFIED FRAME FOR  
SEMICONDUCTOR MATERIAL  
HANDLING SYSTEM

PATENT APPLICATION

Art Unit: 2835  
Examiner: Unknown

**POWER OF ATTORNEY BY ASSIGNEE UNDER 37 C.F.R. §§3.71, 3.73(b)**

Commissioner for Patents  
Washington, DC 20231

Sir:

The below-identified Assignee is the owner of the entire right, title and interest in the above-identified patent application by virtue of an assignment from the inventor(s).

\_\_\_\_\_ The Assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frames \_\_\_\_ - \_\_\_\_, or

☒ A true copy of the Assignment is attached hereto, the original of which has been (or is herewith) forwarded to the United States Patent and Trademark Office for recording.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

Assignee hereby appoints Mark E. Miller, Reg. No. 31,401, Jonathan M. Hollander, Reg. No. 48,717, Scott D. Sanford, Reg. No. 51,170, and other attorneys of O'MELVENY & MYERS LLP, to prosecute this application and transact all business in the United States Patent & Trademark Office connected therewith; said appointment to be to the exclusion of the inventor(s) and the inventor's(s') attorney(s) in accordance with the provisions of 37 C.F.R. §3.71.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Please address all correspondence to:

Mark E. Miller  
O'MELVENY & MYERS LLP  
Embarcadero Center West  
275 Battery Street  
San Francisco, CA CA 94111-3305

Please direct all telephone calls to:

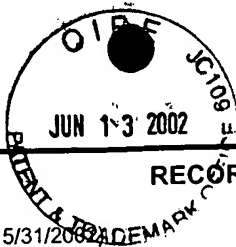
Scott D. Sanford  
(415) 984-8700

Attorney Docket No.: 34741-752

Assignee: Asyst Technologies, Inc.  
Assignee Type: (Corporation, Partnership, ...) Corporation  
Signor's Name: Geoffrey G. Ribar  
Signor's Title: (Corporate Office or Position) Senior Vice President and  
Chief Financial Officer

Signature:  Date: 6/5/02

SF1:467001.1



Form PTO-1595  
(Rev. 03/01)

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2008)

Tab settings ⇌ ⇌ ⇌

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1. Anthony C. Bonora    2. Richard H. Gould  
3. Roger G. Hine        4. Michael Krolak  
5. Jerry A. Speasl

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment                      ☐ Merger  
☐ Security Agreement            ☐ Change of Name  
☐ Other \_\_\_\_\_

1. 5/22/02                      2. 5/22/02  
3. 5/22/02                      3. 6/4/02

Execution Date: 5.6/4/02

2. Name and address of receiving party(ies)

Name: Asyst Technologies, Inc.

Internal Address: \_\_\_\_\_

Street Address: 48761 Kato Road

City: Fremont                      State: CA    Zip: 94538

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 10/087,638

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mark E. Miller

Internal Address: \_\_\_\_\_

Street Address: O'Melveny & Myers LLP

275 Battery Street

City: San Francisco    State: CA    Zip: 94111-3305

6. Total number of applications and patents involved: ☐

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0639

**DO NOT USE THIS SPACE**

9. Signature.

Scott D. Sanford, Reg. No. 51,170  
Name of Person Signing

  
Signature

June 7, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 7

## JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

- (1) Anthony C. Bonora,  
a resident of Woodside, California; and
- (2) Richard H. Gould,  
a resident of Fremont, California; and
- (3) Roger G. Hine,  
a resident of San Carlos, California; and
- (4) Michael Krolak,  
a resident of Los Gatos, California; and
- (5) Jerry A. Speas,  
a resident of Pleasanton, California; and

have invented certain new and useful improvements in:

### UNIFIED FRAME FOR SEMICONDUCTOR MATERIAL HANDLING SYSTEM

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention.

WHEREAS Asyst Technologies, Inc. (hereinafter termed "Assignee"), a corporation of the State of California, having a place of business at 48761 Kato Road, Fremont, 94538, State of California, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignee:

1. \_\_\_\_\_ On the \_\_\_\_ day of \_\_\_\_\_, 20\_\_;

Or

2. ☒ Said application having SC/Serial Number 10/087,638 and filed on the 1st day of March, 2002.

Date of Execution of Declaration for Patent Application: May 22, 2002

Date: May-22-02 (1) Anthony C Bonora  
(Inventor's Signature)

State of CALIFORNIA.

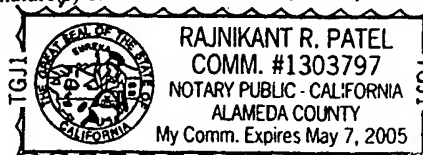
County of ALAMEDA.

On May-22-02 before me, RAJNIKANT R. PATEL  
(name and title of officer) NOTARY PUBLIC

personally appeared Anthony C. Bonora, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Rajnikant R. Patel



\*\*\*\*\*

1. \_\_\_\_\_ On the \_\_\_ day of \_\_\_\_\_, 20\_\_;

Or

2. ✓ Said application having SC/Serial Number 10/087,638 and filed on the 1st day of March, 2002.

Date of Execution of Declaration for Patent Application: 5/22/02

Date: May-22-02 (2) [Signature]  
(Inventor's Signature)

State of CALIFORNIA

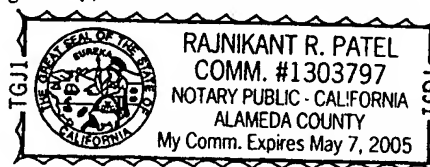
County of ALAMEDA

On May-22-02 before me, RAJNIKANT. R. PATEL  
(name and title of officer) NOTARY PUBLIC

personally appeared Richard H. Gould, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Rajnikant R. Patel



\*\*\*\*\*

1. \_\_\_\_\_ On the \_\_\_ day of \_\_\_\_\_, 20\_\_;

Or

2. ✓ Said application having SC/Serial Number 10/087,638 and filed on the 1st day of March, 2002.

Date of Execution of Declaration for Patent Application: \_\_\_\_\_

Date: May 22-02

(3) Roger G. Hine  
(Inventor's Signature)

State of CALIFORNIA

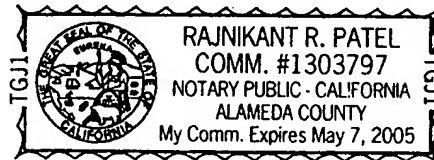
County of ALAMEDA

On May-22-02 before me, RAJNIKANT R. PATEL  
(name and title of officer) NOTARY PUBLIC

personally appeared Roger G. Hine, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Rajnikant R. Patel



\*\*\*\*\*

1. \_\_\_\_\_ On the \_\_ day of \_\_\_\_\_, 20\_\_;

Or

2. ✓ Said application having SC/Serial Number 10/087,638 and filed on the 1st day of March, 2002.

Date of Execution of Declaration for Patent Application: 6-4-02

Date: June-04-02 (4) Michael Krolak  
(Inventor's Signature)

State of CALIFORNIA

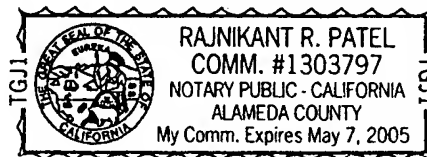
County of ALAMEDA

On June-04-2002 before me, RAJNIKANT. R. PATEL  
(name and title of officer)

personally appeared Michael Krolak, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Rajnikant. R. Patel.



\*\*\*\*\*



1. \_\_\_\_\_ On the \_\_\_\_ day of \_\_\_\_\_, 20\_\_;

Or

2. ✓ Said application having SC/Serial Number 10/087,638 and filed on the 1st day of March, 2002.

Date of Execution of Declaration for Patent Application: 6-4-02

Date: June-04-2002 (5) Jerry Speas  
(Inventor's Signature)

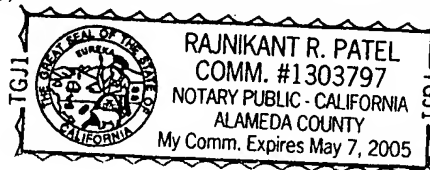
State of CALIFORNIA.  
County of ALAMEDA.

On June-04-2002 before me, RAJNIKANT. R. PATEL  
(name and title of officer)

personally appeared Jerry A. Speas, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Rajnikant. R. Patel



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SF1:467000.1